

**LIBRARY**

Public Health Office,  
214, High Street,  
Tonbridge.

30th August, 1948.

To the Chairmen and Councillors of the  
Tonbridge Rural District Council and the  
Tonbridge and Southborough Urban District Councils.

Ladies & Gentlemen,

I beg to submit the Annual Report for the year  
1947.

During the first quarter of the year Dr. R.J. Chapman continued as Acting Medical Officer of Health. I assumed office on the 1st April 1947, Dr. Chapman then reverting to the position of part-time Deputy Medical Officer of Health.

The estimated population for each District in the Area shows an increase on the previous year. The Birth-rate for Tonbridge Rural District was higher than that for England & Wales and showed an increase on last year whereas the Birth-rates for both Urban Districts were lower than the average for the country and showed a decrease on those for last year. The Death-rate in the Area was higher than that for the country but lower than that for the previous year. The Infant Mortality rate for the Area was 25, a satisfactorily low figure compared with a rate of 41 for England & Wales in 1947 and 34.9 for the Joint Area in the previous year. One Maternal death occurred in Tonbridge Rural District and none in either Urban Districts.

The year was marked by the occurrence of the worst epidemic of Anterior Poliomyelitis (Infantile Paralysis) which has afflicted this country. In the Joint Health Area 20 cases were notified with one death. Details of the epidemic as it affected the Area are given in the Infectious Diseases section of the Report.

The total number of notified cases of Infectious Disease in the Area was higher than that for the previous year due to the higher figure for measles and whooping cough, the incidence of these diseases, however, was lower in Tonbridge Urban District. Only two cases of Diphtheria were notified and no deaths occurred from this disease or from scarlet fever. One death occurred from measles and one from whooping cough.

During the year a Local Publicity Campaign was carried out urging Immunisation against Diphtheria.

On 1st May, 1947, the Ice-Cream (Heat Treatment) Regulations, 1947, came into force. This is an important measure dealing with the heat treatment, cooling, storage and serving of ice-cream. The premises of manufacturers and distributors of Ice-cream were inspected in company with the Sanitary Inspectors who instituted routine sampling.

My thanks are again due to the Members and Officials of the District Councils and to my staff for their valued co-operation during the year.

I am,

Your obedient Servant,

*J. Chapman*  
Medical Officer of Health.

2.

TONBRIDGE & SOUTHBOROUGH JOINT HEALTH AREA,

STAFF OF THE PUBLIC HEALTH DEPARTMENT.

MEDICAL OFFICER OF HEALTH;

J.W. CRAWFORD,

M.D., D.P.H. (appointed Medical Officer of Health 16/12/46,  
assumed duty 1/4/47)

R.J. CHAPMAN, M.C.

M.D., CH.B., D.P.H. (appointed Acting Medical Officer of  
Health 26/10/42. Reverted to  
Deputy Medical Officer of Health 1/4/47.)

Medical Officer's Clerk:

Mrs. S. C. Downs.

Tonbridge Rural District:

Mr. W. J. Davies, Senior Sanitary Inspector (cert.  
as S.I. and M.I.)

Mr. H. C. Coldrick, Additional Sanitary Inspector (cert.  
as S.I. and M.I.)

Tonbridge Urban District.

Mr. M. Jenner, Senior Sanitary Inspector (cert.  
as S.I. and M.I.)

Mr. J.H. Elphick, Additional Sanitary Inspector (cert.  
as S.I. and M.I.)

Southborough Urban District:

Mr. T.A.Scott, Surveyor and Sanitary Inspector  
(cert. as S.I. and M.I.)

Mr. R. Fowler, General Assistant to the Surveyor  
(cert. as S.I. and M.I.)

HEALTH SISTER;

Miss J. MacQueen.

S.R.N., T.A. Cert.

## TONBRIDGE RURAL DISTRICT.

1947 HEALTH REPORT.GENERAL STATISTICS.

Area (in acres)	...	...	41,687
Resident population (Registrar-General's estimate mid 1947)	...	...	20,470
(Increase since 1946)	...	...	600
Number of inhabited houses (end of 1947) according to Rate Book.	...	...	6,216
Rateable Value.	...	...	£146,780
Sum represented by a penny rate.	...	...	£585

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>
Live (Legitimate	405	217	188
Births (Illegitimate	28	14	14
	<hr/>	<hr/>	<hr/>
	433	231	202
	<hr/>	<hr/>	<hr/>

Birth-Rate per 1,000 estimated resident population 1947. .. 21.1

	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>
Still (Legitimate	9	4	5
Births (Illegitimate	1	1	-
	<hr/>	<hr/>	<hr/>
	10	5	5
	<hr/>	<hr/>	<hr/>

Still-Birth Rate per 1,000 (live & still) Births. ... 22.6

	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>
Deaths.	253	134	119

Death-Rate per 1,000 estimated resident population 1947. .. 12.3

Deaths from puerperal causes:-	<u>Total.</u>	<u>Rate per 1,000 total (live &amp; still) births.</u>
Puerperal sepsis.	0	0.0
Other causes.	1	2.3
	<hr/>	<hr/>
	1	2.3
	<hr/>	<hr/>

Death-Rate of Infants under one year of age :-

All Infants per 1,000 live births.	...	27.7
Legitimate Infants per 1,000 legitimate live births.	...	27.1
Illegitimate Infants per 1,000 illegitimate live births.	...	35.7



## TONBRIDGE URBAN DISTRICT.

1947 HEALTH REPORT.GENERAL STATISTICS.

Area (in acres)	...	4,599
Resident population (Registrar-General's estimate	...	4,599
(Increase since 1946	...	19,240
Number of inhabited houses (end of 1947) according	...	560
to Rate books.	...	5,871
Rateable Value.	...	£155,443
Sum represented by a penny rate.	...	£607

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>
Live (Legitimate	352	181	171
Births (Illegitimate	20	10	10
	<hr/>	<hr/>	<hr/>
	372	191	181
	<hr/>	<hr/>	<hr/>

Birth-Rate per 1,000 estimated resident population 1947. .. 19.3

	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>
Still (Legitimate	4	3	1
Births (Illegitimate	1	1	-
	<hr/>	<hr/>	<hr/>
	5	4	1
	<hr/>	<hr/>	<hr/>

Still-Birth Rate per 1,000 (live & still) births. ... 13.2

	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>
Deaths.	236	119	117

Death-Rate per 1,000 estimated resident population 1947. .. 12.3

Deaths from Puerperal Causes :-	<u>Total.</u>	<u>Rate per 1,000 total</u> <u>(live &amp; still births).</u>
Puerperal sepsis.	0	0.0
Other causes.	0	0.0
	<hr/>	<hr/>
	0	0.0
	<hr/>	<hr/>

Death-Rate of Infants under one year of age:-

All infants per 1,000 live births.	...	29.5
Legitimate Infants per 1,000 legitimate live births...	...	28.4
Illegitimate Infants per 1,000 illegitimate live births.	...	50.0

## SOUTHBOROUGH URBAN DISTRICT.

1947 HEALTH REPORT.GENERAL STATISTICS.

Area (in acres)	...	1,758
Resident population (Registrar-General's estimate mid 1947.)	...	8,620
(Increase since 1946	...	308
Number of inhabited houses (end of 1947) according to Rate Books.	...	2,571
Rateable Value.	...	£64,977
Sum represented by a penny rate.	...	£250

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>
Live (Legitimate	149	80	69
Births (Illegitimate	6	2	4
	<hr/>	<hr/>	<hr/>
	155	82	73
	<hr/>	<hr/>	<hr/>

Birth-Rate per 1,000 estimated resident population 1947. .. 18.0

	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>
Still (Legitimate	2	1	1
Births (Illegitimate	-	-	-
	<hr/>	<hr/>	<hr/>
	2	1	1
	<hr/>	<hr/>	<hr/>

Still-Birth Rate per 1,000 (live & still) births. ... 13.0

	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>
Deaths.	117	61	56

Death-Rate per 1,000 estimated resident population 1947. .. 13.6

Deaths from puperal causes:-	<u>Total.</u>	<u>Rate per 1,000 total (live &amp; still) Births.</u>
Puerperal sepsis.	0	0.0
Other causes.	<hr/> 0	<hr/> 0.0
	0	0.0
	<hr/>	<hr/>

Death-Rate of infants under one year of age:-

All Infants per 1,000 live births.	...	6.4
Legitimate Infants per 1,000 legitimate live births..	...	6.7
Illegitimate Infants per 1,000 illegitimate live births.	...	0.0

## C O M P A R A B L E      R A T E S      1947.

FOR   TONBRIDGE   &   SOUTHBOROUGH   JOINT   HEALTH   AREA   AND  
ENGLAND   AND   WALES.

England & Wales.	Tonbridge R.D.	Tonbridge U.D.	Southboro' U.D.	Joint Area.
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Rates per 1,000 Civilian Population:

Live births.	<u>20.5</u>	21.1	19.3	18.0	<u>19.8</u>
Still births.	<u>0.50</u>	0.49	0.26	0.23	<u>0.35</u>
Deaths (all causes)	<u>12.0</u>	12.3	12.3	13.6	<u>12.5</u>
Typhoid and					
Paratyphoid	<u>0.00</u>	0.00	0.00	0.00	<u>0.00</u>
Scarlet fever	<u>0.00</u>	0.00	0.00	0.00	<u>0.00</u>
Whooping Cough	<u>0.02</u>	0.09	0.00	0.00	<u>0.04</u>
Diphtheria	<u>0.01</u>	0.00	0.00	0.00	<u>0.00</u>
Influenza	<u>0.09</u>	0.00	0.00	0.23	<u>0.04</u>
Smallpox	<u>0.00</u>	0.00	0.00	0.00	<u>0.00</u>
Measles	<u>0.01</u>	0.00	0.05	0.00	<u>0.02</u>

Rates per 1,000 Live Births.

Deaths under 1 year of age	<u>41</u>	27.7	29.5	6.4	<u>25.0</u>
Deaths from Diarrhoea & Enteritis under 2 yrs	<u>5.8</u>	6.9	5.4	0.0	<u>5.2</u>

Rates per 1,000 Civilian Population:Notifications:-

Typhoid fever	<u>0.01</u>	0.00	0.00	0.00	<u>0.00</u>
Paratyphoid fever	<u>0.01</u>	0.00	0.00	0.00	<u>0.00</u>
Cerebro-spinal fever	<u>0.05</u>	0.04	0.00	0.00	<u>0.02</u>
Scarlet fever	<u>1.37</u>	1.46	1.71	0.35	<u>1.37</u>
Whooping cough	<u>2.22</u>	6.94	1.35	0.85	<u>3.62</u>
Diphtheria	<u>0.13</u>	0.05	0.00	0.11	<u>0.04</u>
Erysipelas	<u>0.19</u>	0.24	0.16	0.00	<u>0.17</u>
Smallpox	<u>0.00</u>	0.00	0.00	0.00	<u>0.00</u>
Measles	<u>9.41</u>	13.24	3.48	5.68	<u>8.01</u>
Pneumonia	<u>0.79</u>	1.07	0.93	0.11	<u>0.84</u>

Rates per 1,000 Total (live & still) births:

(a) <u>Notifications:</u>					
Puerperal pyrexia )					
Puerperal fever    )	<u>7.16</u>	0.0	2.65	6.4	<u>2.04</u>
(b) <u>Maternal mortality:</u>					
Puerperal infections	<u>0.16</u>	0.0	0.00	0.00	<u>0.00</u>
Other infections	<u>0.85</u>	2.26	0.00	0.00	<u>1.02</u>

TABLE SHOWING CAUSES OF DEATH (ALL AGES).

(Supplied by the Registrar-General.)

	Totals.	Tonbridge Rural District	Tonbridge Urban District	Southboro' Urban District.
Whooping Cough	2	2	-	-
Tuberculosis of respiratory system.	19	5	9	5
Other forms of tuberculosis.	7	2	3	2
Syphilitic diseases.	1	1	-	-
Influenza.	2	-	-	2
Measles.	1	-	1	-
Acute poliomyelitis and polio-encephalitis.	1	1	-	-
Acute inf. encephalitis.	1	1	-	-
Cancer (all forms)	90	37	42	11
Diabetes.	3	2	-	1
Intracranial vascular lesions.	89	38	36	15
Heart diseases.	167	74	51	42
Other diseases of circulatory system.	28	6	13	9
Bronchitis.	28	14	10	4
Pneumonia.	33	13	17	3
Other respiratory diseases.	7	4	3	-
Cancer of stomach or duodenum.	9	2	2	5
Diarrhoea under 2 years	5	3	2	-
Appendicitis.	1	-	1	-
Other digestive diseases.	7	2	3	2
Nephritis.	25	12	9	4
Septic perperal sepsis	-	-	-	-
Other maternal causes	1	1	-	-
Immature birth	10	3	6	1
Congenital malformations, birth injury, infantile dis.	6	2	4	-
Suicide	4	2	2	-
And traffic accidents.	8	4	2	2
Other violent causes.	14	8	4	2
All other causes.	37	14	16	7
	506	253	236	117



## GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

A list of the staff of the Public Health Department is given at the beginning of this report.

### HOSPITALS.

Tonbridge Joint Isolation Hospital. - This is situated at Capel, near Tonbridge, which provides accommodation for patients suffering from notifiable infectious diseases, other than tuberculosis, from the Tonbridge Urban and Tonbridge Rural Districts.

Southborough Urban District Council has an agreement with the Tunbridge Wells Corporation whereby any infectious cases, other than tuberculosis, which occur in its District, are admitted to the Borough Sanatorium.

### NURSING HOMES.

#### Tonbridge Rural District.

A Convalescent Home for 15 children and 5 babies was started during the year by Mrs. Burges Watson at Gt. Hollenden, Hildenborough.

#### Tonbridge Urban District.

One Nursing Home was on the Register at the end of the year.

#### Southborough Urban District.

One Nursing Home was on the Register at the end of the year.

## REPORT OF HEALTH SISTER for the Year 1947.

<u>Summary of visits.</u>	<u>Tonbridge Urban.</u>	<u>Tonbridge Rural.</u>
Scarlet fever contacts.	31	27
Contacts examined.	37	49
Swabs taken for haemolytic streptococci	9	26
Positive results.	-	2
Discharged scarlet fever patients.	18	18
Diphtheria contacts.	-	8
Contacts examined.	-	12
Swabs taken for K.L.B.	-	24
Positive results.	-	-
Discharged diphtheria patients.	-	3
Expectant mothers.	-	215
Infant Life Protection.	-	112
Measles contacts.	-	2
Ac. Anterior Poliomyelitis. contacts.	19	25
Smallpox contacts.	-	1
Other visits.	49	64



Schools Visited.

<u>Tonbridge Urban.</u>	re Scarlet fever contacts:	<u>Visits.</u>	<u>No. examined.</u>
County Grammar		2	75
Bank Street		5	145
Convent		1	17
County Modern Girls		1	35
Barden Road Infants		1	28
Sussex Road Infants		3	93
Hilden Oaks		2	104
St. Stephens Infants		2	91

re Ac. Anterior Poliomyelitis  
contacts:

Judd	2	67
County Modern Girls	1	-
Sussex Road Boys	1	-

Tonbridge Rural. re Scarlet fever contacts:

Penbury Infants	2	75
Capel	1	35
Brenchley	1	33
Paddock Wood	2	74
Speldhurst	5	98

SCABIES.

Treatments carried out.  
Visits re arranging for treatments

<u>Tonbridge Urban.</u>	<u>Tonbridge Rural.</u>
100	84
3	10

REMARKS:Tonbridge Urban.

Scarlet Fever - 33 cases were notified, 2 being adults and the remainder children. Six cases were nursed at home.  
Ac. Anterior Poliomyelitis. - Seven cases were notified.

Tonbridge Rural.

Scarlet Fever - 30 cases were notified, 2 being adults and the remainder children. Three cases were nursed at home.  
Ac. Anterior Poliomyelitis. - Thirteen cases were notified, one being a child in a hop-picker's camp.  
Diphtheria. - One case occurred in a girl of 16 years. Two suspected cases among hop-pickers proved to be negative.

The visits to measles contacts were carried out because the cases occurred in Sandhole Camp, Matfield.

Southborough Urban.

Visits to scarlet fever contacts.  
Contacts examined.  
Visits to discharged scarlet fever patients  
" to measles contacts.  
" to diphtheria contacts.  
Contacts examined.  
Swabs taken for K.L.B. (results negative)  
Visits to discharged diphtheria patients.  
Other visits.

2  
3  
1  
1  
1  
9  
12  
1  
13

Schools.

re Diphtheria contacts:  
High Brooms Infants

<u>Visits.</u>	<u>No. examined.</u>
1	38

SCABIES.

Two cases received treatment.

# T O N B R I D G E      R U R A L      D I S T R I C T.

## M A T E R N I T Y      &      C H I L D      W E L F A R E      S E R V I C E S.

Health Visiting. - The following table gives particulars of the visits paid by the District Nurses of the Queen's Institute of District Nursing in the various parishes in the Tonbridge Rural District, as supplied by Miss Bath, Superintendent for the west area of the Kent Nursing Association :-

PARISH.	N u m b e r   o f   v i s i t s.				
	To Expectant Mothers.		To Infants      To children under 1 year. 1 - 5 yrs.		
	First.	Subse-quent.	First.	Subse-quent.	
Ashurst & Groombridge.	3	11	5	27	30
Brenchley & Matfield.	21	175	33	276	497
Bidborough.	3	5	19	48	55
Capel, Tudeley & Five Oak Gn	13	136	24	259	433
Hadlow	28	215	69	297	358
Hildenborough.	16	79	34	96	63
Horsmonden	26	77	54	135	236
Lamberhurst	13	158	24	191	223
Paddock Wood	25	210	16	214	280
Pembury	9	57	30	206	232
Speldhurst	3	24	18	77	79
Langton	6	18	15	54	66
	166	1165	341	1880	2552

In addition to the above, a total of 92 special visits and 310 fruitless visits were paid by the District Nurses in the various parishes during the year 1947.

### Infant Welfare Centres.

The following figures show the attendances of children and mothers at the 11 Child Welfare Centres in Tonbridge Rural District provided by Voluntary Associations and aided by the District Council. The Centres are held fortnightly and attended by the District Nurses for the respective parishes; the Welfare Medical Officer attends once a month.

CENTRES.	Attendances by Children.			No. of Sessions in year	Total attendances of Mothers.
	Under 1 year.	1 - 5 Years.	Total.		
Bidborough	78	238	316	24	253
Brenchley	180	250	430	16	426
Capel.	153	187	340	20	311
Hadlow.	450	213	663	25	597
Hildenborough.	406	163	569	24	509
Horsmonden	301	317	618	21	451
Lamberhurst.	185	248	433	22	391
Langton.	93	93	186	21	146
Paddock Wood.	316	221	537	20	462
Pembury.	375	305	680	22	612
Speldhurst.	136	218	354	19	274
Total.	2673	2453	5126	234	4432

#### ANTE-NATAL SCHEME.

In connection with the above Scheme, 120 ante-natal examinations and 12 post-natal examinations were made by private medical practitioners, under arrangements made by the Council.

#### ORTHOPAEDIC SCHEME.

Three patients received treatment during the year under the above Scheme.

#### DENTAL SCHEME.

The number of mothers and children who received treatment under the Dental Scheme during the year was 15.

#### CARE OF PREMATURE INFANTS & ILLEGITIMATE CHILDREN.

The District Nurses acting as Health Visitors frequently visit and advise mothers with regard to premature infants.

Regarding the care of illegitimate children, the Tonbridge Rural Council contributes five guineas in respect of each case admitted from this Area to any of the Homes provided by the Rochester Diocesan Society for Unmarried Mothers.

In addition, a contribution of £5 per annum is made by the Rural Council towards the local branch of the above Society.

#### CHILD LIFE PROTECTION.

No. of persons receiving children for reward at end of year.	6
No. of children - (i) at the end of year	9
(ii) who died during the year.	0
(iii) on whom inquests were held.	0
No. of child protection visitors at the end of the year who were:-	
(i) Health Visitors.	1
(ii) Female, other than Health Visitors.	8
(iii) Male.	0

No proceedings were taken during the year.



# TONBRIDGE & SOUTHBOROUGH JOINT AREA.

## SANITARY CIRCUMSTANCES OF THE AREA.

### WATER SUPPLIES:-

#### Tonbridge Rural District.

Results of samples taken during the year were as follows:-

	Bacteriological.		Chemical.	
	Number.	Result.	Number.	Result.
Raw water (mainly private wells)	15	( 7 Satis; 8 Unsatis;	15	( 13 Satis. 2 Unsatis
Treated water.	13	All Satis;	Nil.	

All samples from public supplies were satisfactory and a sufficient supply was maintained during the year. 95% of dwelling-houses are supplied by public water mains mostly laid on direct to the house. A few isolated houses are supplied by stand-pipes or other means. These are being dealt with as circumstances permit. (Details of stand-pipe supplies in each parish are not yet available.) The unsatisfactory samples of raw water were mainly from private wells in which cases work was carried out to prevent contamination by surface water. No case of contamination by lead occurred.

In July a sample taken from the Groombridge Estate water supply which supplies the Old Village of Groombridge, proved to be contaminated. Investigation of the supply revealed that the gathering ground was unprotected and no means of purification had been installed. As an immediate precautionary measure all users of the supply were advised to boil water used for drinking, preparation of vegetables and washing dishes until further notice. These precautions are still in force. Further, the District Council was advised that the most satisfactory solution would be to extend a main water supply to the village. The Crowborough District Water Company undertook to do this. Following a strong recommendation to the Ministry of Health that this work should receive priority it is hoped that the work will be completed during 1948.

No major extension of mains were made during the year. Local extensions were made to new Housing Sites and the main supply at Golden Green was extended to 1 to 3 Allens Cottages.

#### Tonbridge Urban District.

Results of samples taken during the year were as follows:-

	Bacteriological.		Chemical.	
	Number.	Result.	Number.	Result.
Raw water	-	-	-	-
Treated water.	14	12 Satis. 2 Unsatis.	-	-

(Repeat samples of the above unsatisfactory ones proved satisfactory.)

The supply was ample during the year. 99% of dwelling-houses are supplied by public water mains.

No case of contamination by lead occurred. Various lengths of main were laid in connection with the Council's Housing Estate at Trench Wood.



Southborough Urban District.

Results of samples taken during the year were as follows:-

	<u>Bacteriological.</u>		<u>Chemical.</u>	
	<u>Number.</u>	<u>Result.</u>	<u>Number.</u>	<u>Result.</u>
Raw water	12	( 10 Satis. 2 Unsatis.	7	Satis.
Treated water.	26	All Satis.		

All samples of treated water were satisfactory. The two unsatisfactory samples of raw water were from the Modest Corner Works. The attention of the Council was drawn to the occurrence of intermittent contamination of the raw water at Modest Corner and certain recommendations were made in a report dated 10/7/47. The water from this supply is treated with chlorine and all treated samples were satisfactory.

The supply to Southborough from Hayesden and Modest Corner Water Works can be supplemented if required from Tonbridge and Tunbridge Wells and during the year the quantity was maintained. Approximately 99% of the houses are supplied by public mains. No extensions to mains were made during the year.

DRAINAGE & SEWERAGE.

In Tonbridge Rural District no important improvement works were carried out during the year but preliminary reports were prepared with the object of submitting schemes for all the parishes either for new sewers and disposal works where required or for bringing up to date the existing disposal plants. Similarly in Tonbridge Urban District although no important improvement works were carried out other than the internal sewers on the Trench Wood and the Tudeley Lane Housing Estates preliminary consideration was given to the preparation of a comprehensive drainage and sewerage scheme to meet the growing requirements of the town. In Southborough no important improvements took place during the year.

SCAVENGING & DEPOSITION OF HOUSEHOLD REFUSE.

Spraying of refuse tips was carried out to prevent the breeding of flies and crickets. The Southborough Council were advised to seek a new site for their refuse tip as the precipitous face of the present tip at High Brooms precludes the possibility of controlled tipping.

HOUSING.

The Housing shortage in the Area is worst in the Urban Districts. A considerable amount of repair work was carried out, sometimes delayed because of lack of materials and labour. Action under Section 11 of the Housing Act 1936 in respect of unfit houses is limited by lack of available alternative accommodation. In Tonbridge Rural District Demolition Orders were made in respect of 10 individual unfit houses where action was considered urgent and in Tonbridge Urban District in respect of one unfit house. Good progress was made in the Rural Housing Survey as set out in the extract from the Report of the Sanitary Inspector of the Tonbridge Rural District.

14.

The position at the end of 1947 as regards post war building was as follows :-

Tonbridge Rural District.

Arrangements were made to build 298 Permanent Council houses, of which 128 were completed, and 100 Temporary houses were completed by the end of the year.

85 Private houses were also completed during the year.

Tonbridge Urban District.

Council's Schemes.

New Houses.

	Number.	Occupied.	Being erected or adapted.
(a) No. of houses or flats			
(b) " " " occupied.	34	34	-
or flats			
being erected.	140	-	140
(c) Additional houses or flats			
for which contracts have			
been placed.	-	-	-

Conversions.

(d) Number of Family Units

(e) " " " occupied.	14	14	-
Units			
(f) " " " being adapted.	6 )	-	11
Units to be	)		
adapted.	5 )	-	-

Private Enterprises.

New Houses.

(a) No. of Houses or Bungalows			
(b) " " " occupied.	37	37	-
Bungalows			
being erected.	22	-	22

Conversions.

(c) No. of Family Units occupied	72	72	-
(d) " " " being			
adapted.	18	-	18

Totals.	348	157	191
---------	-----	-----	-----

The Council's new houses are sited on the Lodge Oak Lane and Trench Wood Estates. Progress on the Lodge Oak Lane Estate has been hampered throughout the year by lack of building labour and there is little prospect of any improvement in the situation. The completion of the Estate (65 family units, 34 of which are occupied now) will not take place until April or May of 1948.

Building on the Trench Wood Estate was started in May 1947 and considerable progress has been made despite many material shortages. No houses are yet occupied, but up to the end of the year, 35 houses were roofed and in an advanced stage while a further 74 were commenced.

Southborough Urban District.Permanent Houses.

11 houses were completed and occupied and there were 37 more under construction at the end of the year.

"Gt. Bounds" Camp.

No. of huts originally taken over.	...	96
No. of huts occupied at end of the year.	...	82
No. of families in occupation.	...	84

Most of these huts are of a poor type and are being demolished whenever vacated.

The progress of the building schemes is a matter of the greatest importance. A good house with modern amenities is one of the first requirements for the Public Health. The types of houses being built by the Councils in the area meet these requirements but many more are needed. The tenants of the Prefabricated houses are generally well satisfied with them and appreciate in particular the convenient kitchens.

SWIMMING POOLS.

In view of the possible association between swimming pools and infantile paralysis many inspections were made of swimming pools in the area. The maintenance of an open air swimming pool in a clear and sparkling condition calls for experience and constant vigilance on the part of the attendant. The condition of the Tonbridge Urban District Council's Pool was always found to be above reproach and reflected credit on those responsible. The proprietors of private pools were co-operative and carried out any recommendations made. In no case of Infantile Paralysis in the area was there any evidence to show that the infection had been contracted in a Swimming Pool but all precautionary measures were taken. With the co-operation of the local press a warning was issued against bathing in the Medway as the possibility of contracting the infection from that source could not be excluded.

FACTORY ACT, 1937.

The particulars required by Section 128 (3) of the Act are set out below for each District in the Area. Co-operation with the Factory Inspectors was satisfactory and owners and occupiers were generally co-operative. Defects found and remedied were mainly unsuitable or defective Sanitary Conveniences.



## Part 1 of the Act.

1. INSPECTIONS for purposes of provisions as to health  
(including inspections made by Sanitary Inspectors).

PREMISES.	No. on Register.			N u m b e r    o f									Occupier Prose- cuted.		
				Inspections.			Written Notices,								
	Ton.	Ton.	Sthb.	Ton.	Ton.	Sthb.	Ton.	Ton.	Sthb.	T.	T.	S			
	R.D.	U.D.	U.D.	R.D.	U.D.	W.D.	R.D.	U.D.	U.D.	R.	U.	U			
(i)Factories in which Sects.1,2, 3,4 and 6 are to be enforced by Local Authorities.	49	39	51	41	54	62	8	2	-	-	-	-			
(ii)Factories not included in (i) in which Sect. 7 is enforced by the Local Authority	8	80	22	9	81	32	-	2	-	-	-	-			
(iii)Other Premises in which Sect. 7 is enforced by the Local Authority (excluding out- workers' premises.)	-	-	-	-	-	-	-	-	-	-	-	-			
	57	119	73	50	135	94	8	4	-	-	-	-			

## 2. Cases in which DEFECTS were found

PARTICULARS	Number of Cases in which Defects were found.									No. of Cases in which prosecutns were instituted.		
	Found.			Remedied.			Referred by H.M. Inspector.					
	Ton.	Ton.	Sthb.	Ton.	Ton.	Sthb.	Ton.	Ton.	Sthb.	T.	R.	T.
	R.D.	U.D.	U.D.	R.D.	U.D.	U.D.	R.D.	U.D.	U.D.	T.R.	T.	U.S.
Want of cleanliness	1	-	2	1	-	2	-	-	1	-	-	-
Overcrowding.	-	-	-	-	-	-	-	-	-	-	-	-
Unreasonable temptre.	-	-	-	-	-	-	-	-	-	-	-	-
Inadequate ventilation	-	-	4	-	-	3	-	-	-	-	-	-
Ineffective drainage of floors	1	-	-	1	-	-	-	-	-	-	-	-
Sanitary Conveniences	-	-	3	-	-	2	-	-	1	-	-	-
(a) Insufficient	-	-	-	-	-	-	-	-	-	-	-	-
(b) Unsuitable or defective	11	27	1	9	22	1	5	2	2	-	-	-
(c) Not separate for sexes.	-	-	1	-	-	-	-	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork	-	-	1	-	-	1	-	-	1	-	-	-
Totals.	13	27	12	11	22	9	5	2	5	-	-	-



## OUTWORK (Sections 110 &amp; 111)

Nature of Work.	Section 110			Section 111			Not-ices	Prose-cu-tions.
	No. of out-workers in August list reqd by Sect. 110(1)(c)	No. of cases of default in sending lists to Council.	No. of prosecutions for failure to supply lists.	No. of instances of work in unwholesome premises.				
	Ton. R.D.	Ton. U.D.	Sth. D.	Ton. R.D.	Ton. U.D.	Sth. D.	3 Dists (T.R. T.U. S.U.)	3 Dists (T.R. T.U. S.U.)
Wearing (Making apparel (Cleang & washing Furniture & Upholstery All other types of work.	2 - - - - -	- 1 - - - - -	- 1 - - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
Totals.	2	1	2	-	-	-	-	-

EXTRACTS FROM THE ANNUAL REPORTS FOR 1947 OF THE  
SANITARY INSPECTORS FOR THE DISTRICTS.

TONBRIDGE RURAL DISTRICT.RURAL HOUSING SURVEY.

The position regarding progress of the survey up to 31st December, 1947 is as follows :-

Total number of houses surveyed.	...	...	1,667
Number placed in Category 1	...	...	875
" " " " 2	...	...	235
" " " " 3	...	...	367
" " " " 4	...	...	34
" " " " 5	...	...	156

INSPECTION & SUPERVISION OF FOOD.MILK SUPPLIES.

There are 118 registered producers of milk in the Rural District of which total 37 retail from the farm. In addition 21 persons are registered as retail purveyors only.

During the year 242 inspections of dairy farms were made most of them during milking time, including 12 retail premises. Improvement of the method of production is the object of these inspections and where necessary to secure structural improvements.

There are 30 producers of graded milk in the district. Two new milking sheds were completed during the year. Steam sterilization was installed in 3 dairy premises.

18.

### Designated Milk.

There has been little change in the roll of graded milk producers during the year. The present position is that 7 are producing "Accredited" milk and 23 "Tuberculin Tested" milk.

The total number of milk samples taken on behalf of the Licencing Authority was 108 of which 83 proved to be satisfactory.

### Biological Milk Examination.

Eleven samples of milk were taken and examined for the presence of tubercle bacilli. With the exception of one these proved to be negative.

### FOOD INSPECTION.

The following quantities of foodstuffs were inspected and condemned during 1947 :

	<u>Tons.</u>	<u>cwts.</u>	<u>qrs.</u>	<u>lbs.</u>	<u>ozs.</u>
Meat		12	2	18	
Tinned Foods:					
Meat		4	2	10	6½
Fish		6	-	14	2
Milk		8	2	16	15
Peas and Beans			2	5	13½
Miscellaneous		4	3	3	4½
	1	17	1	12	9½

### Ice-Cream Premises.

Seven samples of ice-cream were submitted for bacteriological examination during the year. The results were as follows :-

Grade 1.	....	1
" 2.	....	-
" 3.	....	3
" 4.	....	3

### RATS & MICE DESTRUCTION.

In addition to routine activities two maintenance treatments were carried out on the Council's sewers found to be infested at the initial survey. Following these treatments only one section, in the parish of Hadlow, was found to be infested.

The "Private Dwellings" Scheme was completed in July and satisfactory results were obtained throughout the District.

The No. 3 Workable Area Committee continued to meet quarterly at the County Hall, Maidstone, and valuable assistance was given by the representatives of the Ministry of Agriculture and Fisheries.

Rats killed in 1947.	.....	1,846
Mice " " "	.....	102
Number of complaints.	.....	93
	<u>Rats.</u>	<u>Mice.</u>
Number killed in private premises.	473	62
" " " business "	713	40
" " " Council "	660	-
	<u>1,846</u>	<u>102</u>

COMPLAINTS.

During the year a total of 44 complaints were made by residents in the district dealing with miscellaneous matters, among which were included housing complaints, water supplies and infestations. All of these were dealt with as far as possible.

DISINFECTING, CLEANSING & C. OF PREMISES.

The number of houses disinfected in connection with cases of infectious disease was 56; the number of houses disinfectated 35.

CAMP SITES.

Five camp sites were occupied during 1947. After many difficulties these were cleared. Licence was issued under Section 269 of the Public Health Act in respect of one site.

SUPERVISION OF HOP-PICKERS' ENCAMPMENTS.

Hop-picking commenced rather earlier this season, on 27th August and was completed generally by 20th September. 95 camps in the District were occupied with a total of 31,963 pickers. 132 new huts have been erected since last season together with other amenities for the pickers. Nineteen of the old obsolete type huts have been demolished. The weather was perfect throughout the season and considerably helped growers in keeping camp conditions satisfactory. It was noted that scavenging arrangements were remarkably good, only in a few instances was it found necessary to request growers to remove accumulations of refuse. Daily patrolling of the camps was carried out and a total of 191 inspections were made. Action for infringement of the Byelaws was taken chiefly where bad latrine accommodation was found. The growers persist in siting and trenching latrines wrongly and it is intended to issue recommendations to all growers by next season for the improvement of latrine accommodation. On a small number of camps there was a deplorable waste of food, as much as half loaves of bread were found in refuse bins. Visits were not made by representatives of the Ministry of Health this season.

STATISTICAL DATA.	No. in Dist- rict.	No. of visits in 1947.	No. of faults & defects found.	No. of faults & defects remedied.
Bakehouses.	19	7	1	1
Dairies	139	254	see separate statement	
Slaughterhouses:				
Registered )	No change since 1941.			
Licenced )				
Other food preparing places which are, as such, subject to inspection.	125	67	-	-
Offensive trades	nil	nil	-	-
Common lodging houses	nil	-	-	-
Houses let-in-lodgings	nil	-	-	-
Factories )	8 )	50	13	11
Workshops.	49 )			
Workplaces, other than out-workers homes.	nil	-	-	-



Nuisances and defects remedied during the year other than those  
enumerated in the preceding table.

Overcrowding	5	Tents, vans & sheds.	5
Keeping of animals.	1	Smoke nuisances.	1
Hop-pickers' camps	-	See Report on Hop-picking.	
Sanitary accommodation:			
1. Insufficient	18	Chimneys rebuilt	-
2. Defective	30	Yard paving	4
Drainage:			
1. Reconstructed	25	Dampness.	7
2. Repaired.	13		
3. Cleansed.	-	Roofs & rainwater pipes	28
Cesspools:		Floors	23
1. Abolished.	-		
2. Repaired	8	Walls & ceilings	24
Offensive accumulations	-	Windows & ventilation	3
Refuse receptacles.	1	Baths, lavatory basins and sinks	10
Water supplies	10	Miscellaneous	24
Total number of visits of all kinds paid by Inspectors' during the year.		.....	2,646

Amount of food condemned during the year (including approximate  
weight of items which have not been weighed):-

1 ton 17 cwts. 1 qr. 12 lbs. 9½ ozs.

TONBRIDGE URBAN DISTRICT.

Total number of visits of all kinds made by the Inspectors during the year.	3,137
Number of informal notices given for sanitary and housing defects.	439
Number of statutory notices served under the Public Health or Housing Acts.	5

INSPECTION & SUPERVISION OF FOOD.

Milk & Dairies.

Milk Producers:

No. of wholesale producers.	...	...	5
No. of Producer retailers.	...	...	2

Dairymen:

No. of Retail Purveyors of milk.	...	...	13
(N.B. Four of these sell milk only in sealed containers, and four have their registered premises in outside districts.)			



Milk (Special Designations) Regulations.

1. Number of licences issued by the County Council to producers of "Tuberculin tested" milk. ... 2.

Thirteen samples were taken from these farms at the request of the County Licensing Authority. Nine of these satisfied and four did not satisfy the methylene blue test.

2. Number of licences issued by the Urban District Council to bottle and sell "Tuberculin Tested" milk. ... 1

Eight samples of "Tuberculin Tested" milk were taken from this establishment. Six of these complied and two did not comply with the methylene blue test.

3. Two additional licences were issued to dealers to sell "Tuberculin Tested" milk and two to sell "Pasteurised" milk.

Improvements to Dairies during the year:

The only large retail dairy in the District has been extended and improved during the year. Some new plant and equipment was introduced, but some of this will not be functioning before 1948.

Two of the larger milk distributors in the district receive their milk bottled from establishments outside the district. The Tonbridge depots are only cold storages in which to keep the milk before distribution.

FOOD INSPECTION.Carcases killed and inspected during the year and the extent of condemnations:-

22 pigs were inspected at the only licenced slaughterhouse. It was not found necessary to condemn any carcase, part or organ.

Total amount of food condemned during the year:

1 ton 13 cwts. 1 qr. 14 lbs.

Ice-Cream Premises.

- Number of premises registered for the manufacture, sale or storage of ice-cream. ... 27

Twenty-four samples of ice-cream were taken for the purpose of grading according to the methylene blue test. The results were as follows :-

Grade	1.	.....	6
"	2.	.....	5
"	3.	.....	8
"	4.	.....	5

INFECTIOUS DISEASE.

(Public Health Act, 1936. Sects. 143 - 175.)

- Number of premises disinfected. ... 43  
 Lots of bedding and clothing removed for steam disinfection. 34

RATS & MICE (DESTRUCTION) ACT, 1919:

The Council employed a man to exterminate rats on lands and premises belonging to them, and, so far as possible, to assist occupiers of private lands and buildings in their statutory duty to destroy rats and mice. The Council also provided poison materials to occupiers of private premises.

The facilities offered by the Council were in all cases without prejudice to the occupiers' statutory responsibility.

HOP-PICKERS' CAMPS.

Three farms in the district lodge pickers. Two of these constructed entirely new accommodation during 1947, 20 huts being erected at one farm and 10 at the other.

The estimated total accommodation of all three farms is about 200 persons.

20 visits were made and no complaints were received. We regarded the preparation, maintenance and supervision of the camps as satisfactory.

ERADICATION OF BED BUGS.

Number of houses found or reported to be infested. ... 7

The methods employed for freeing infested houses from bed bugs include fumigation with sulphur candles, and cleansing and spraying with insecticides. Council houses are treated by the Council's staff; private houses are treated by builders and by owners and occupiers as necessary.

The measures taken by way of supervision or education of tenants to prevent infestation or re-infestation after cleansing, include inspection, and the giving of advice verbally and in printed form.

STATISTICAL DATA.	No. in District.	No. of visits in 1947.	No. of faults & defects found.	No. of faults & defects remedied.
Bakehouses.	12	75	5	5
Dairies.	5	133	5	5
Slaughterhouses				
Registered )				
Licenced )	1	14.	-	-
Other food preparing places	30	292	9	9
Offensive trades	1	2	-	-
Common lodging houses	nil			
Houses-let-in-lodgings.	nil			
Factories )				
Workshops )	119	135	22	22
Workplaces	nil			

Nuisances (including sanitary and housing defects)  
dealt with during the year:-

Accumulations (offensive)	4	Animals (keeping of)	5
Coppers (defective)	4	Dustbins (renewed)	304
Drainage:-		Dampness	23
Reconstructed	5	Floors (Defective)	31
Repaired	9	Gutters, roofs, etc.	
Cleansed	37	(defective)	69
Sanitary Accommodation:-		Sinks & Baths	
Insufficient	nil	(Renewed or repaired)	18
Defective	138	Stoves (Defective)	15
Walls & ceilings (defective)	33	Water supplies (unsatisfac-	
Windows (defective)	38	tory services reinstated)	4
Yard pavings & drainage		Other defects.	52
(defective)	23		

SOUTHBOROUGH URBAN DISTRICT.

INSPECTION & SUPERVISION OF FOOD.

Milk Supplies:

Number of producers.	...	...	7
"    of producer retailers.	...	...	2
"    of retailers.	...	...	7

Number of farms licenced to produce :-

(i) "Accredited" milk.	...	...	1
(ii) "Tuberculin tested" milk.	...	...	2

<u>Milk Sampling:-</u>	<u>No. of samples taken.</u>	<u>No. of unsatisfactory samples.</u>
"Accredited"	4	1
"Tuberculin tested"	15	4
No. of "Non-designated" milks.	-	-

Number of samples (exclusive of above) collected for biological examination. nil.

Pasteurisation:-

Number of pasteurising plants for which licences are in operation.	...	1
(a) "Holder" process	...	1
(b) "High Temperature"	...	nil

	<u>No. of samples taken.</u>	<u>No. of unsatisfactory samples.</u>
Methylene blue test	15	5
Phosphatase test	nil	

Meat Inspection.

Number of carcasses or parts of carcasses condemned on account of tuberculosis. ... 7

Total amount of food condemned during the year, including approximate weight of items not weighed :-

5 tons 16 cwt. 12 lbs. 9 $\frac{1}{2}$  ozs.



INFESTATION.

Six premises were fumigated and two treated with insecticidal spray for bug infestation during the year. A complaint of fowl flea infestation in a garden was remedied by the use of insecticide powder. Two cases of cockroach infestation, one of slight bug infestation and one of moth larvae infestation were treated by the Occupiers concerned upon advice. Systematic treatment was carried out on the Council's Refuse Tip at High Brooms against crickets and flies.

DISINFECTION.

Four disinfections with formalin burners after cases of notifiable disease and two upon request after cases of scabies and dermatitis respectively, were carried out during the year.

RATS & MICE (DESTRUCTION) ACT, 1919.

The Anti-Rodent Operator has worked throughout the year in this Area. The Council's Refuse Tip at High Brooms received regular systematic treatment. Sewer Maintenance Treatment No. 2 was carried out in March when 114 manholes were baited and 33 pre-bait takes were recorded. No. 3 Treatment was given during August, 116 manholes baited with 36 pre-bait takes. The Operator independently traced 3 major and 78 minor rat infestations and 1 major and 10 minor mouse infestations during the year. The estimated kill for rats was approximately 1784 and for mice 80.

STATISTICAL DATA.	No. in District.	No. of visits in 1947.	No. of faults & defects found.	No. of faults & defects remedied.
Bakehouses.	6	18	-	-
Slaughterhouses Licenced	1	101	-	-
Dairies.	7	19	-	-
Other Food Preparing Places.	35	42	-	-
Offensive trades.	nil			
Common Lodging Houses.	nil			
Houses-let-in-lodgings.	nil			
Factories.	22	94	12	9
Workshops	51			
Workplaces (other than outworkers homes)	nil.			

Defects remedied during the year (excluding War Damage Items)

Overcrowding cases.	...	...	1
Defective closet accommodation.	...	...	34
Drainage systems reconstructed or repaired..	...	...	17
Refuse receptacles.	...	...	210
Defective roofs.	...	...	32
Defective walls.	...	...	36
Defective windows.	...	...	3
Defective floors.	...	...	7
Washing and cooking facilities.	...	...	15
Miscellaneous items including redecoration and painting....	...	...	43
Total number of visits during the year.	...	...	398



## TONBRIDGE &amp; SOUTHBOROUGH JOINT HEALTH AREA.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE.Notifiable Diseases during the Year.

DISEASE.	Total Cases Notified.			Total Cases admitted to Hospital.			Total Deaths.		
	Ton- bge R.D.	Ton- bge U.D.	South- boro' U.D.	Ton- bge R.D.	Ton- bge U.D.	South- boro' U.D.	Ton- bge R.D.	Ton- bge U.D.	Sth- bro' U.D.
Diphtheria.	1	-	1	1	-	1	-	-	-
Scarlet fever.	30	33	3	27	27	2	-	-	-
Ac. Anterior Poliomyelitis.	13	7	-	11	5	-	1	-	-
Ac. Polio-encephalitis	1	-	-	1	-	-	-	-	-
Cerebro-spinal fever	1	-	-	1	-	-	-	-	-
Puerperal pyrexia	21	1	1	21	1	-	-	-	-
Dysentery	3	2	-	-	-	-	-	-	-
Malaria	1	-	-	-	-	-	-	-	-
Pneumonia	22	18	1	13	3	-	4	2	-
Erysipelas.	5	3	-	-	1	-	-	1	-
Measles.	271	67	49	2	6	2	-	1	-
Whooping Cough	142	26	7	1	1	-	1	-	-
	511	157	62	78	44	5	6	4	-

DIPHTHERIA.

Two cases were notified in the Area during 1947 with no deaths as against 4 cases in 1946. One case occurred in Tonbridge Rural District and 1 in Southborough Urban District.

The Rural District case occurred in a girl aged 16 years who was removed to Capel Isolation Hospital. The Southborough case occurred in a girl aged 7 years who was removed to the Tunbridge Wells Isolation Hospital.

Home and school contacts were visited by the Health Sister and swabs taken which proved negative. Particulars regarding this are given in the Health Sister's report (see page 8).

SCARLET FEVER.

A total of 66 cases were notified in the Area during the year 1947, as compared with 64 cases in the previous year. No deaths occurred in 1947. The age-periods of incidence were as follows :-

$\frac{1-3}{3}$	$\frac{3-5}{9}$	$\frac{5-10}{38}$	$\frac{10-15}{7}$	$\frac{15-20}{5}$	$\frac{20-30}{3}$	$\frac{30 \text{ \& over}}{1}$	= 66
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All home and school contacts were visited by the Health Sister and swabs taken of any with suspicious sore throat, ear or nasal discharge etc. (see page 8) Of the cases notified 10 were isolated at home, i.e. 3 in Tonbridge Rural District, 6 in Tonbridge Urban District and 1 in Southborough Urban District.

ACUTE ANTERIOR POLIOMYELITIS.

During 1947 the worst recorded epidemic of this disease occurred in this country. The incidence in the Area during the year was as follows :-

<u>Districts.</u>	<u>Notified Cases.</u>	<u>Deaths.</u>
Tonbridge Rural District.	13 (9 male (4 female)	1
Tonbridge Urban District	7 (3 male (4 female)	-
Southborough Urban District	-	-
	<hr/> 20	<hr/> 1

Age-Groups :-

<u>0 - 1</u>	<u>1 - 5</u>	<u>5-10</u>	<u>10-15</u>	<u>15-20</u>	<u>20-30</u>	<u>30-40</u>	<u>40-50</u>	-	20
-	4	1	5	3	4	1	2		

Of the cases notified in the Rural District as shown above, two were from Pembury Hospital whose home address was outside my Area, and one was a member of a hop-pickers' family from Carshalton. Cases for treatment and diagnosis were admitted to Pembury Hospital, Capel Isolation Hospital and the Kent and Sussex Hospital, Tunbridge Wells.

Of the 20 notified cases, 1 proved fatal; the majority of the cases did not suffer from severe forms of paralysis. During the epidemic in addition to confirmed cases, many suspected cases were seen at the request of the general practitioners. Valuable co-operation was obtained from Hospital Authorities, General Practitioners, School Teachers and many others during the epidemic period.

ACUTE POLIO-ENCEPHALITIS.

One case of this disease was notified from the County Hospital, Pembury, of an adult female, whose home address was in Tunbridge Wells.

CEREBRO-SPINAL fever.

One case, a baby aged 9 months, was notified from the County Hospital, Pembury.

PUERPERAL PYREXIA.

Twenty-three cases were notified in the Area, 21 in Tonbridge Rural District, none of which resided in the Area, they occurred 11 at Northfields Maternity Home, Langton, 4 at Moatlands Maternity Hospital, Paddock Wood and 6 at County Hospital, Pembury, one case occurred in Tonbridge Urban District and one in Southborough Urban District.

DYSENTERY.

Five notifications were received during the year, 3 from Tonbridge Rural District and 2 from Tonbridge Urban District, all the former occurred in adult males, one of the latter occurred in an infant aged 2 years and the other an adult male.

MALARIA.

One case was notified of a sailor aged 21 years in the Tonbridge Rural District, the infection was contracted abroad.

PNEUMONIA.

A total of 41 cases were notified in the Area, 22 in Tonbridge Rural, 18 in Tonbridge Urban and 1 in Southborough Urban; 16 cases were treated in hospital and there were 6 deaths. The age-periods were as follows :-

$\frac{0-1}{9}$	$\frac{1-5}{3}$	$\frac{5-10}{1}$	$\frac{10-15}{1}$	$\frac{15-20}{3}$	$\frac{20-30}{3}$	$\frac{30-40}{2}$	$\frac{40-50}{5}$	$\frac{50 \text{ \& over}}{14}$	- 41
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ERYSIPELAS.

Eight cases were notified during the year, 5 in Tonbridge Rural District and 3 in Tonbridge Urban District, one of the latter cases was removed to hospital, the patient died. All the cases occurred in adults.

MEASLES.

There was an increased prevalence of this disease during 1947 compared with the previous year, a total of 387 cases being notified. The age-periods were as under :-

$\frac{0-1}{4}$	$\frac{1-3}{52}$	$\frac{3-5}{68}$	$\frac{5-10}{177}$	$\frac{10-15}{39}$	$\frac{15-20}{32}$	$\frac{20-30}{4}$	$\frac{30-40}{8}$	$\frac{40 \text{ \& over}}{3}$	- 387
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WHOOPING COUGH.

A total of 175 cases were notified with one death as against 164 cases with one death in the previous year. One case was admitted to Hospital. The age-periods of incidence were as follows :-

$\frac{0-1}{16}$	$\frac{1-3}{33}$	$\frac{3-5}{36}$	$\frac{5-10}{70}$	$\frac{10-15}{10}$	$\frac{15-20}{3}$	$\frac{20-30}{3}$	$\frac{30-40}{3}$	$\frac{40-50}{1}$	= 175
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SCABIES.

During 1947, treatment of this disease under the Scabies Order, 1941, was carried out at the old decontamination centre at the Tonbridge Electric Light Works Depot.

The number of treatments given during the year 1947 to scabies patients from the respective Districts by the Health Sister and the Nurse engaged by the Tonbridge Rural and Urban Councils to assist with this work was as follows :-

Number of Treatments.

Tonbridge Urban District.	100
Tonbridge Rural District.	84
Southborough Urban District.	2

Total.	186
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## D I P H T H E R I A    I M M U N I S A T I O N.

Diphtheria Immunisation is carried out in the three Districts of my Area by general practitioners employed by the respective Councils and paid according to the B.M.A. scale. Alum Precipitated Toxoid (A.P.T.) is the Prophylactic used which is supplied free by the Ministry of Health. T.A.F. Is also used for re-immunisation.

The number of children immunised during the year 1947 in the three Districts of the Area was as follows :-

	<u>Age 0-4 yrs.</u>	<u>5-14 yrs.</u>
Tonbridge Rural.	268	26
Tonbridge Urban	201	35
Southborough Urban.	119	10
	<u>588</u>	<u>71</u>

The following figures show the number of children who had completed a full course of immunisation (2 injections) at any time up to the end of 1947 :-

	<u>Age 0-4 yrs.</u>	<u>5-14 yrs.</u>
Tonbridge Rural District.	777	2273
Tonbridge Urban District.	670	1630
Southborough Urban District.	289	931
	<u>1736</u>	<u>4834</u>

The estimated percentage of children immunised at the end of 1947, in the respective Districts was as follows :-

	<u>Age 0-4 yrs.</u>	<u>5-14 years.</u>
Tonbridge Rural District.	48%	86%
Tonbridge Urban District.	44%	66%
Southborough Urban District.	43%	88%

### LOCAL    PUBLICITY    CAMPAIGN.

In connection with the Ministry of Health's National Publicity Campaign for 1947, concerning Immunisation against Diphtheria, a local Publicity Campaign was arranged on the lines set forth in the Ministry's brochure, and consisted of advertisements in three local newspapers for a period of 4 weeks, the posting of bills in prominent places and on vehicles, the circularisation and distribution of leaflets through Health Visitors, Doctors, Head Teachers etc. In addition the two cinemas in the town of Tonbridge were approached and arrangements made for the showing of the film "Defeat Diphtheria 1945".

### RE-IMMUNISATION.

A Campaign regarding the re-immunisation of school children commenced in 1946 was continued in 1947 and School Sessions were arranged and medical practitioners carried out inoculations in the Tonbridge & Southborough Urban Districts and the Rural District of Tonbridge, and in some cases this was carried out at the Doctors' surgeries. In this way, in Tonbridge Urban District 822 children were re-immunised during 1947, in Southborough Urban District 410 children were re-immunised and in Tonbridge Rural District 129 children were re-immunised; in the latter District nearly 1,000 children had been re-immunised the year previous, viz. 1946.

TUBERCULOSIS.

During 1947, a total of 54 new cases were notified in the Joint Area, which are shown in the following table under the respective Districts :-

		New Cases					
Age		Pulmonary.			Non-Pulmonary.		
Periods.		Ton- bge	Ton- bge	South- boro'	Ton- bge	Ton- bge	South- boro'
		R. D.	U. D.	U. D.	R. D.	U. D.	U. D.
		M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
0 - 1		-	-	-	-	-	-
1 -		1	1	2	1	-	-
5 -		-	1	3	1	-	1
15 -		-	3	3	2	-	-
25 -		3	-	4	1	1	-
35 -		-	1	1	-	1	-
45 -		3	-	1	-	1	-
55 -		2	-	1	-	-	-
65 & up		1	-	-	1	-	-
		10	6	15	6	2	1
		16	21	9	3	4	1

The table hereunder shows the numbers of deaths which occurred in the three Districts of the Area during 1947 :-

		Deaths.					
Age		Pulmonary.			Non-Pulmonary.		
Periods.		Ton- bge	Ton- bge	South- boro'	Ton- bge	Ton- bge	South- boro'
		R. D.	U. D.	U. D.	R. D.	U. D.	U. D.
		M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
0 - 1		-	-	-	-	-	-
1 -		-	-	-	1	-	-
5 -		-	-	-	1	-	-
15 -		-	-	-	-	-	-
25 -		2	-	2	2	-	1
35 -		1	-	1	1	-	-
45 -		1	-	1	-	1	-
55 -		1	-	1	1	-	-
65 & up		1	-	1	-	-	-
		6	3	6	2	2	1
		6	9	6	2	3	1

The following table shows the number of cases of tuberculosis on the Registers of each of the three Districts, at the end of each year for the last 5 years :-

YEAR.	Ton- bge R. D.		Ton- bge U. D.		South- boro' U. D.		Ton- bge R. D.		Ton- bge U. D.		South- boro' U. D.		Ton- bge R. D.		Ton- bge U. D.		Sth- boro' U. D.	
	P U L M O N A R Y						N O N - P U L M O N A R Y						T O T A L S.					
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.						
1943.	81	53	75	46	26	40	37	30	33	24	22	18	201	178			106	
1944.	83	55	70	46	26	41	37	33	34	25	21	18	208	175			106	
1945.	91	56	79	46	28	49	39	31	35	26	21	20	217	186			118	
1946.	96	62	81	51	32	46	39	31	38	25	20	17	228	195			115	
1947.	97	68	91	52	34	46	41	33	36	25	20	17	239	204			117	



I N D E X.

Subject.	Tonbridge Rural.	Tonbridge Urban.	Southboro' Urban.	Joint Area.
P A G E S.				
Drainage & Sewerage.	13	13	13	13
Diphtheria Immunisation.	28	28	28	28
Factory Act.	16	16	16	16
Health Sister's Report.	8	8	9	8-9
Hop-pickers' Camps.	19	22	-	-
Hospitals.	8	8	8	8
Housing.	14,17	14	15	13
Infestation.	19	22	24	-
Infant Welfare Centres.	11	-	-	-
Infectious Diseases.	21-23	21-23	21-23	21-23
Inspection & Supervision of Food.	17	20	23	-
Maternity & Child Welfare Services.	10	-	-	-
Nursing Homes.	8	8	8	8
Public Health Staff.	2	2	2	2
Sanitary Circumstances of the Area.	20	23	24	12
Scabies.	9,27	9,27	9,27	27
Statistical Data.	10	22	24	-
Tuberculosis.	29	29	29	29
Vital Statistics & Comparable Rates.	3,6	4,6	5,6	6
Water Supplies.	12	12	13	-

